Fig. 1

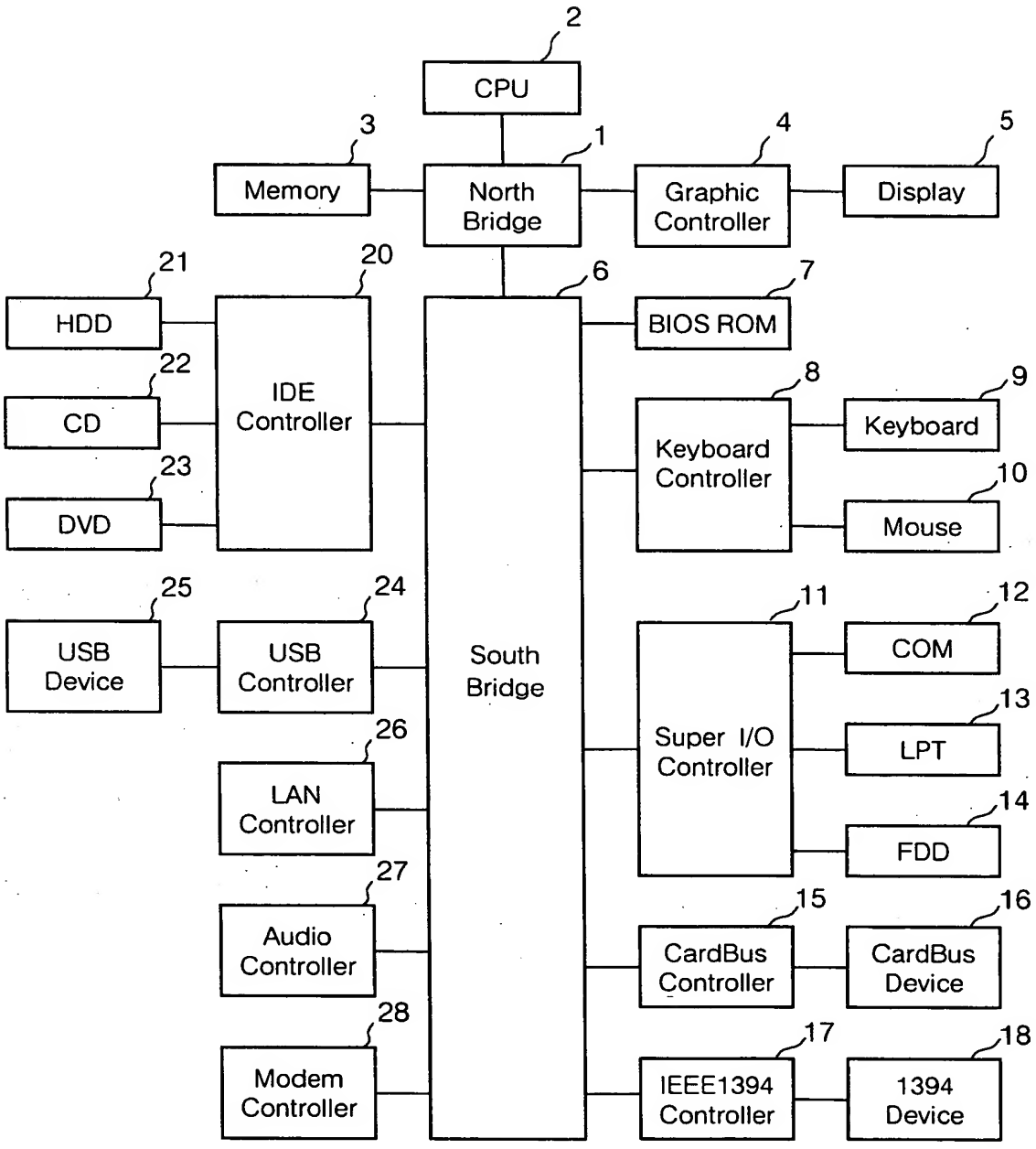

2
CPU
3
Memory
1
North Bridge
4
Graphic Controller
5
Display
21
HDD
20
IDE Controller
6
South Bridge
7
BIOS ROM
22
CD
23
DVD
8
Keyboard Controller
9
Keyboard
10
Mouse
25
USB Device
24
USB Controller
11
Super I/O Controller
12
COM
13
LPT
14
FDD
26
LAN Controller
27
Audio Controller
28
Modem Controller
15
CardBus Controller
16
CardBus Device
17
IEEE1394 Controller
18
1394 Device

Fig. 2

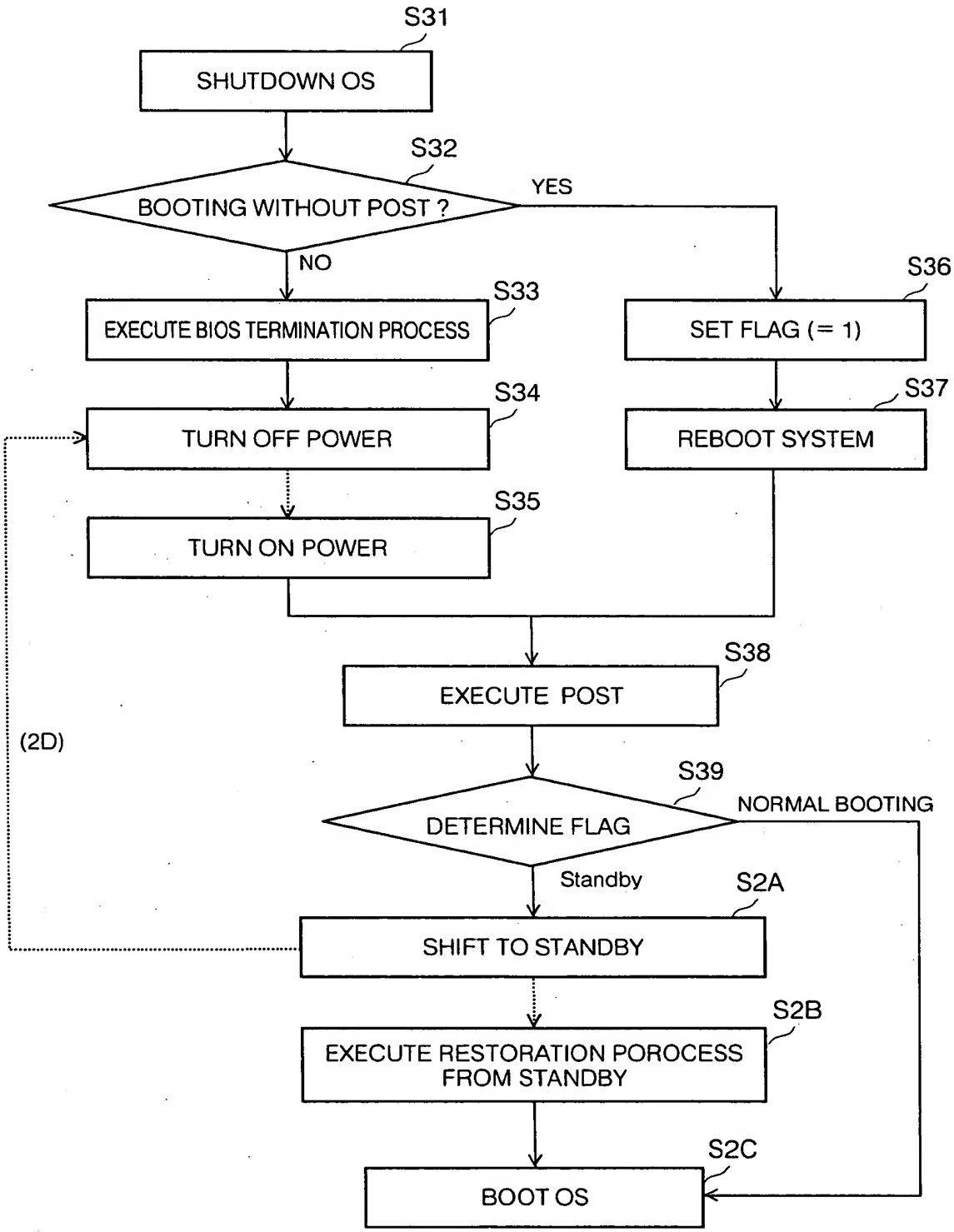

S31
SHUTDOWN OS
S32
BOOTING WITHOUT POST ?
YES
NO
S33
EXECUTE BIOS TERMINATION PROCESS
S34
TURN OFF POWER
S35
TURN ON POWER
S36
SET FLAG (= 1)
S37
REBOOT SYSTEM
S38
EXECUTE POST
(2D)
S39
DETERMINE FLAG
NORMAL BOOTING
Standby
S2A
SHIFT TO STANDBY
S2B
EXECUTE RESTORATION POROCESS FROM STANDBY
S2C
BOOT OS

Fig. 3

EXAMPLE OF BIOS SETTING ITEMS FOR SELECTING WHETHER BOOTING WITHOUT POST IS EXECUTED

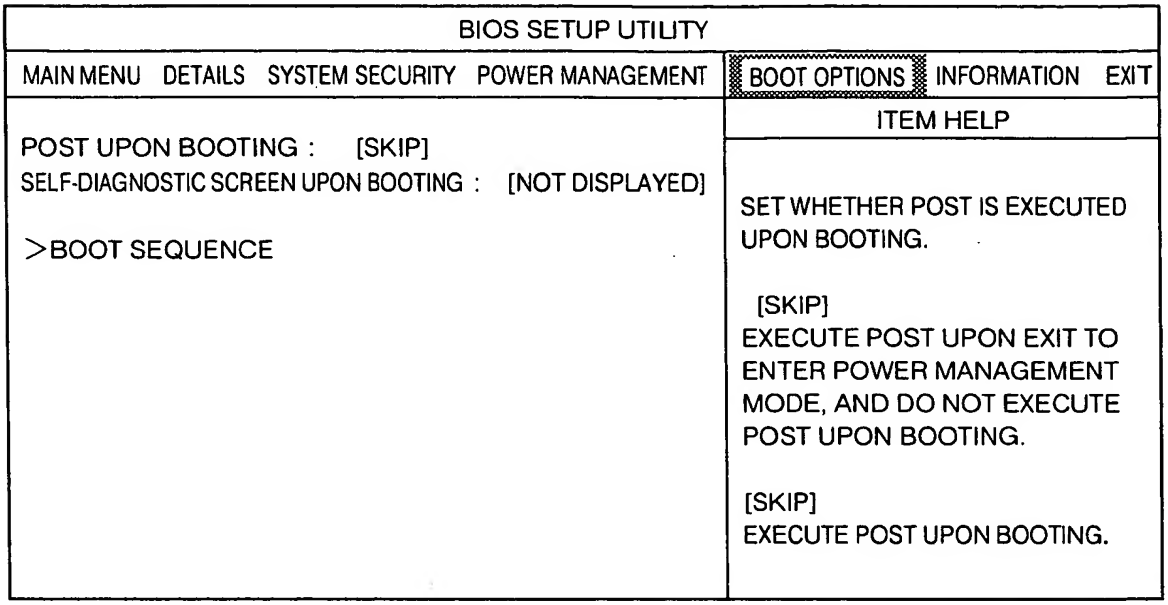


Fig. 4

EXAMPLE OF OS SETTING SCREEN FOR SELECTING WHETHER BOOTING WITHOUT POST IS EXECUTED

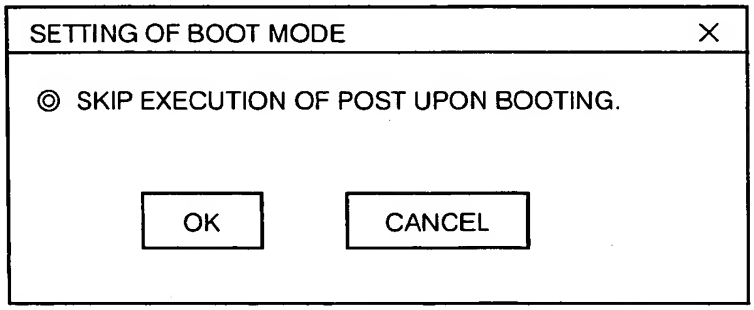


Fig. 5

EXAMPLE OF OPERATION SCREEN UPON SHUTDOWN OF OS IN WHICH BOOTING WITHOUT POST CAN BE SELECTED

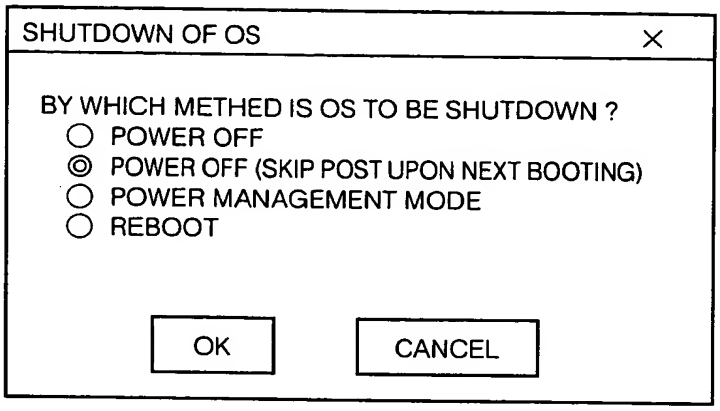
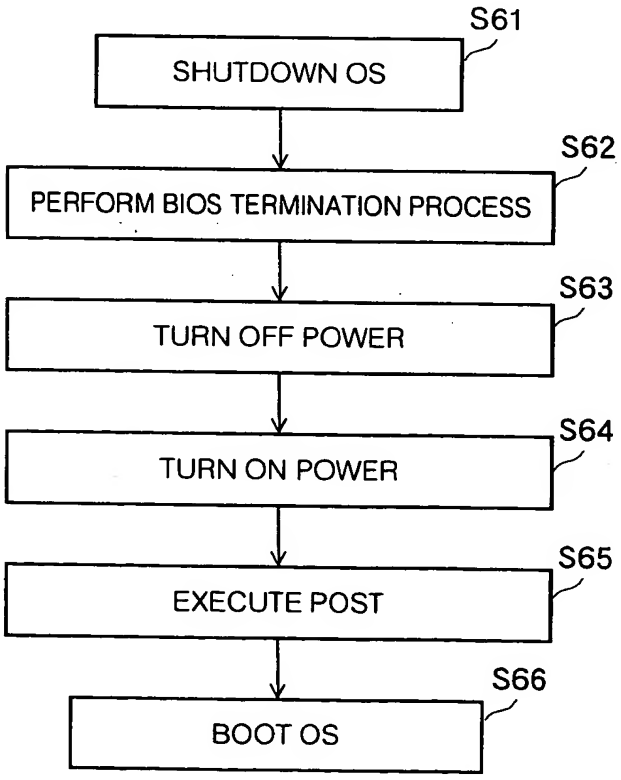


Fig. 6

EXAMPLE OF KNOWN BOOT PROCESS FLOW FROM SHUTDOWN OF OS